

CLASSIFIED MESSAGE

ROUTING

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EXT :  
DATE : 24 FEB 70

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TO : SEE BELOW

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|                                      | ROUTINE  |   | OPERATIONAL<br>IMMEDIATE | INITIALS               |

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TO

INFO

CITE

8049

SAC OFFUTT AFB OMAHA, NEBR  
100 SRW OL 19 MCCOY AFB FLA  
DIA WASH DC  
CIA WASH DC  
15TH AF MARCH AFB RIVERSIDE, CALIF  
HQ USAF WASH DC  
100 SRW DAVIS MONTHAN AFB ARIZ  
12 SAD DAVIS MONTHAN AFB ARIZ  
544 ARTW OFFUTT AFB OMAHA, NEBR  
NAVRECONTECHSUPCEN, SUITLAND MD  
WRAMA/WRNWA WARNER ROBBINS AFB, GA

SECRET

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR  
DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR  
AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

COORDINATING OFFICERS

S E C R E T

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**SECRET**

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TO INFO

CITE

THIS IS A  MESSAGE

SUBJECT: EVALUATION OF OLD HEAD TEST MISSION 003

1. BACKGROUND: THIS MISSION WAS FLOWN TO DETERMINE THE EFFECTS OF CAMERA STABILIZATION TIME ON IMAGE QUALITY. PRESENTLY, THE SENSOR IS AT ALTITUDE FOR AT LEAST TWO HOURS PRIOR TO ACTIVATION. ALL FLIGHT PARAMETERS WERE THE SAME AS AN OPERATIONAL MISSION EXCEPT FOR CAMERA START-UP TIME.

## 2. MISSION DATA:

- A. OH TEST 003, 29 JAN 70
- B. IRIS II, 8007
- C. A/C NO: 339
- D. STEREO
- E. T/O: 1454, C/ON: 1543
- F. 3404, W-23A
- G. MX-819-1, NRTSC
- H. AVG GAMMA: 1.75
- I. SLIT: 0.095

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TO

INFO

CITE

3. TEST RESULTS: THE IMAGE QUALITY THROUGHOUT THE MISSION IS POOR EXCEPT FOR A SMALL PORTION ACQUIRED AFTER 2 HOURS OF FLIGHT. THE QUALITY OF THIS IMAGERY IS GENERALLY FAIR TO GOOD.

4. CONCLUSIONS: IT IS RECOMMENDED THAT A TWO HOUR CAMERA STABILIZATION TIME CONTINUE TO BE USED. HOWEVER, WHEN A PRE-CONDITIONING UNIT BECOMES AVAILABLE TO THE PROGRAM ANOTHER TEST SHOULD BE CONDUCTED TO DETERMINE WHETHER THE CAMERA STABILIZATION TIME CAN BE REDUCED.

END OF MESSAGE

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